

1680.

*Apollo Anglicanus,*  
THE  
ENGLISH APOLLO:

Assisting

All Persons in the right Understand-  
ing of this Years Revolution, as also of  
things past, present, and to come.

With necessary Tables plain and useful.

A twofold Kalendar, viz. *Julian* or *English*,  
*Gregorian* or *Foreign* Computations, more plain  
and full than any other, with the Sun and  
Moons Risings and Settings daily ob-  
served, of general use for most men.

Being the Bissextile or *LEAP-YEAR*.

To which is added certain brief and plain Direc-  
tions how to know the Hour of the night by  
the Stars, with a new Method of Com-  
pound Interest and Annuities.

By *RICHARD SAUNDERS*  
*Student in the Physical-Celestial Sciences.*

*Astrologos in pluribus posse non falsa predicere maxime  
quidem in communi, quia plures hominum sequuntur  
passiones, ad quas cooperari possunt Corpora Cele-  
stia, &c. Thomas Aquinas, 1 Par. 9. 115.*

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**A** Table shewing how many years purchase a Lease or Annuity, to endure for any Term of years under 33, is worth presently at Interest upon Interest at fix in the hundred; and shewing plainly how to discount any Lease in Buying, and the true value of the Reversion after any number of Years.

Years of a Lease.	Years.	Months.	dec. par.	The use and Explanation of this Table.	Years of a Lease.	Years.	Months.	dec. par.
1	0	11	0	The first Column towards the left hand, sheweth the years of a Lease or Annuity, and right against each Year, is the Years Months and Decimals parts of a Months purchase, that such a Lease or Annuity is worth.	17	10	5	3
2	1	9	9	<i>Example.</i>	18	10	9	9
3	2	8	1	Suppose a Lease or Annuity to continue ten Years, and you would know how many years purchase it is worth in present money, look in the Table for ten years of a Lease to the left hand, and against the same you shall find 7,4,3-which sheweth such a Lease to be worth seven years four months, and three tenth Parts of a Months purchase.	19	11	1	3
4	3	5	9		20	11	5	7
5	4	2	5		21	11	9	3
6	4	11	0		22	12	0	5
7	5	7	0		23	12	3	6
8	6	1	5		24	12	6	6
9	6	9	6		25	12	9	4
10	7	4	3		26	13	0	0
11	7	10	7		27	13	2	5
12	8	4	6		28	13	4	9
13	8	10	3		29	13	7	1
14	9	3	6		30	13	9	2
15	9	8	5		31	13	11	1
16	10	1	3		32	14	1	0

*Again,* are you to take or buy the Reversion of any Lease or Annuity, work thus, Suppose the Lease to be thirty years in all; you find in the second Table, and right hand against thirty, 13 years 9 months, and two tenth Parts of a months purchase; this were worth, were it in present possession. But suppose there be a Lease of five years (more or less) before your Commence; look in the Table against the five Years, and there you find four Years, two Months, five tenth parts, half a Months purchase; take this out of the sum against thirty, which is 13,9,2. 4,2,5. The remainder is 9. years six months, seven tenth parts of a month; and so much is the Reversion after five years worth, the remainder of thirty years. This is useful and very easie.

# A Table of the Kings and Queens of England since the Conquest.

<i>Kings and Queens names</i>	<i>Born Anno</i>	<i>Began to reign.</i>	<i>Reigned Since their reign ended.</i>	<i>Y. M.</i>	<i>Died</i>	<i>Buried at</i>
William 1	1023	1066, Oct. 14	1011	593	Sept. 9	Caen Norm.
William 2	1057	1087, Sep. 9	1211	580	Aug. 2	Winchester
Henry 1	1068	1100, Aug. 23	545	Dec. 1		Reding
Stephen	1105	1135, Dec. 11	1811	516	Oct. 25	Feverham

## The Saxon Line restored.

Henry	2	1132	1154, Oct. 25	35	9491, July 6	Fountain.
Richard 1	1155	1189, July 6	9	9481, April 6	Fountain.	
John	1165	1199, April 6	17	6464, Oct. 19	Worcester	
Henry 3	1207	1216, Oct. 19	6	1408, Nov. 16	Westminster	
Edward 1	1239	1272, No. 16	34	8373, July 7	Westminster	
Edward 2	1283	1307, July 7	19	6354, Jan. 25	Glocester	
Edward 3	1312	1326, Jan. 25	51	5303, June 21	Westminster	
Richard 2	1366	1377, Jun. 21	12	3281, Sept. 29	Westminster	

## The Line of Lancaster.

Henry	4	1367	1399, Sep. 29	13	6167, Mar. 20	Canterbury
Henry	5	1384	1412, Mar. 20	9	5258, Aug. 31	Westminster
Henry	6	1421	1422, Aug. 31	38	6120, Mar. 4	Winster

## The Line of York.

Edward	4	1442	1460, Mar. 4	12	1197, April 9	Winchester
Edward	5	1471	1483, April 9	0	2197, June 18	Not known
Richard 3	1448	1483, Jun. 18	2	2195, Aug. 22	Leith. (where)	

## The Families United.

Henry	7	1455	1485, Au. 22	13	8171, April 21	Westminster
Henry	8	1491	1508, Apr. 22	37	10134, Jan. 18	Winster
Edward 6	1537	1547, Jan. 28	6	5127, July 6	Westminster	
Q. Mary	1518	1553, July 6	5	4122, Nov. 17	Westminster	
Q. Elizab.	1533	1558, No. 17	44	478, March 24	Westminster	

## The Union of the two Kingdoms.

James	1566	1602, Ma. 24	22	055, March 27	Westminster	
Charles 1	1600	1625, Ma. 27	23	1132, Janu. 30	Winster	
Charles 2	1630	1648, Jan. 30			whom God grants long to Reige.	

The World must now confess, that Monarchs are

Of him that rules above the chiefest care.

He with great CHARLES doth gently Peace restore.

Heaven could not give us, nor we covet more.

Hence Anti-monarchists, from you there springs

Slavery; but Freedom is from Heaven and Kings.

Then let all loyal hearts with us conclude,

May, Caesar live, and Rebels be subdued.

Forewarn'd, forwarn'd, the Terms approach you see ;  
No Music's sweet, like Angels Harmony.

Term begins Jan. 23. and ends Feb. 12.

Return or Effoin Day.	Exception days.	Returna Bre- vium.	Days of Ap- pearance.
9. b. Hil. Jan. 20	January 21	January 22	January 22
12. n. Hil. Jan. 27	January 28	January 29	January 30
1. p. Purif. Feb. 1	February 4	February 5	February 6
8. d. Purif. Feb. 8	February 10	February 11	February 12

Easter-Term begins April 28. and ends May 24.

Quin. Pasc. Apr. 26	April 27	April 28	April 29
Pres. Pasc. May 3	May 4	May 5	May 6
Mens. Pasc. May 10	May 11	May 12	May 13
Quin. Pasc. May 17	May 18	May 19	May 20
Crast. Ascen. May 1	May 22	May 24	May 24

Trinity-Term begins June 11. and ends June 30.

Crast. Trin. June 7	June 8	June 9	June 10
Off. Trin. June 14	June 15	June 16	June 17
Quin. Trin. June 21	June 22	June 23	June 24
Pres. Trin. June 28	June 29	June 30	June 30

Michaelmas-Term begins Octob. 23. and ends Nov. 29.

Pres. Mich. Off. 20	October 21	October 22	October 23
Mens. Mich. Off. 27	October 27	October 29	October 29
Crast. Anim. Nov. 3	November 4	November 5	November 6
Crast. Mar. Nov. 12	November 13	November 15	November 15
Off. Mar. Nov. 18	November 19	November 21	November 22
Quin. Mar. Nov. 25	November 26	November 27	November 29

Note, The Exchequer opens eight days before any Term begins, except Trinity-Term, before which it opens only four days.

Note, That the first and last days of every Term, are the first and last days of Appearance.



*Directions for the subsequent Diary, or Almanack.*

1. **I**n the first column to the left hand, on the left hand page, you have the Numeral figures of the days of the Month.

2. In the second column you have the week days, and Dominical Letter.

3. You have all the principal and observable Saints days and others; the places of the Planets, and the Moon most nights, and what fixed Stars she is with, is observed; by which the Asterisms and Constellations are easily known to an ingenious eye and understanding.

4. The Moons place in the Zodiack every day at noon.

5. The age of the Moon, by which the Tides are known.

6. The rising and setting of the Moon, every day in the year with Latitude.

7. The general state of the weather, with much care performed by the Author.

8. In the 8. column, the first on the right hand, you have the English account. In the 9. the Foreign. In the 10. the Roman week days, and Sunday Letter.

11. The perfect Roman Kalendar and Saints days.

12, 13, 14. the utmost to the right hand, you have the daily rising and setting of the Sun, with the Aspects.

*A Table to find when the Moon will be full South every day this year, whereby the time of Tides is exactly known.*

M. A. H. b. f.				
1	6	12	48	First find her age in the 5. column of the Almanack, which is exactly every day noted; which
2	17	1	36	age seek out in one of the two columns of this
3	18	2	24	Table to the left hand, against which in the
4	19	3	12	3. and 4. columns is the hour and minutes which
5	20	4	0	shew the time of the Moons being South.
6	21	5	48	As for example, the 22. day of <i>March</i> the Moon
7	22	6	36	is 3 days old, which being found in the 3. column
8	23	6	24	of this Table to the left hand, it points to 2 h.
9	24	12	24	m. at which time the Moon is South the
10	25	7	0	said 22. day of <i>March</i> , 1680. <i>Et sic de cæteris.</i>
11	26	8	48	Here note, that all the increase the cometh to the
12	27	8	36	South in the evening following the Sun; but in
13	28	9	24	the decrease in the morning going before the Sun.
14	29	10	12	By any Sun-dial you may know the hour of
15	30	12	0	night by adding to the time of the Moon being
D. H.				South after, or subtracting before Twelve.

To find the time of High water in most Coasts of England.

First, as you before were taught, find at what time the Moon will be South, for then you may truly conclude it High-water at Southamton, *Quinborough*, and *Portsmouth*, for there the South and North Moons make a High-water. But when you desire the time of Full Sea in any of the following Coasts in the ensuing Table, find the name of the place, and see how many hours and minutes be annexed thereunto in the Column under *H.M.* which added to the time of the Moons coming to South, gives you the time of High-water for the place required.

A Tide-Table, with the Names of the Havens.

<i>Rochester, Maldon, Aberdeen,</i>	0 h. 45 m.
<i>Gravesend, Romney, Ramkins,</i>	1 30
<i>London, Tinnmouth, Hartlepool,</i>	3 0
<i>Firth, Leith, Dunbar, Narbon,</i>	4 30
<i>Newcastle, Falmouth, Humber,</i>	5 15
<i>Lyn, Antwerp, Plimouth, Hull,</i>	6 0
<i>Bristol, Lanion, Foulness,</i>	6 45
<i>Milford, Bridgwater, North-coast,</i>	7 30
<i>Portland, Peterport, Hartflew,</i>	8 15
<i>Dover, Yarmouth, Harwich, Dublin,</i>	10 30
<i>Callise, Rie, Winchelsey, Calshot.</i>	11 15

Example.

The 22. of March this year, it is required to know the time of Full Sea at *Newcastle*; by the Kalendar over against the 22. of March, in the fifth Column, I find the Moon 3 days old, and by the foregoing Southing Table, I find the Moon South at 2 hours 24 minutes in the afternoon; then in the preceding Table, against *Newcastle* I find 5 hours 15 minutes, which added to 2 hours 24 minutes, the aggregate is 7 hours 39 minutes, wherefore I conclude it High-water there at 7 hours 39 minutes in the afternoon: so of any other.

Take notice that the Tide floweth one point of the Compass more at the Spring-Tide (which is the New and Full Moons) than at the Neap-Tides (the first and second Quarters) As also the Latitude of the Moon and Winds may alter it an hour sooner or later; let it be their providence who depend upon the Tides to make timely provision.

*The Tides like various Humours never rest,  
Still constant in inconsistency at best.*

*A true Chronology of memorable things to this year 1680.*

<b>B</b>	Rute entered the Island of Great Britain	2906
	The building of London	2707
	The building of Rome	2432
	The last destruction of Jerusalem by Titus Vespasian	3597
	England first received the Christian Faith	4500
	The Tower of London built	1115
	Duke William the Norman conquered England	614
	Westminster-Hall built	981
	The building of St. Pauls Church London	594
	London-Bridge built with Stone	470
	The Bible first divided into Chapters	485
	The first invent on of Guns	300
	A Frost from the middle of September till April	316
	The rare invention of Printing	240
	Pauls Steeple fired by Lightning	119
	The New Star in Cassiopea	107
	The Royal Exchange built and finished first time	108
	A great Snow fell February 4.	1021
	Tilbury Camp on St. James day	91
	A Plague in London whereof died 30578.	75
	The last great Snow, and Smithfield paved	65
	A great Plague in London, whereof died 35428.	55
	The Parliament that produced monsters began	40
	The hemaininging Scum of them murdered that incomparable Royal Martyr Charles I. Jan. 30. 1648.	32
	The Lord General Monk happily lopt off the heads of those Monsters, Feb. 21. 1659.	21
	King Charles the Second safely returned to Whitehall, May 29. 1660.	20
	His Majesty triumphantly Crowned, April 23.	19
	Two Comets appeared in December and March	16
	The doleful Plague that followed them, whereof died from April to Christmas, of the Plague that was taken notice of, besides a number of Quakers, and others never brought into the Bill, 63596. The Total, and most of the Plague, was 97306.	15
	That unparallelled Dreadful fire in London, Septemb. 2, 3, 4, 5. in that fatal year 1666.	14

# January hath xxxi. days.

- Full Moon the 5. day, at 30 m. past 10 at night.
- Last Quarter the 13. day, 26. m. past 8 at night.
- New Moon the 21. day, 50 m. past noon.
- First Quarter the 28. day, 20. m. past 8 in the morning

1	a	New years day	cap. 4	11	M. 10		
2	b	3 57 S	gem. 8	12	4	41	Setting
3	c	1 21 S	gem. 12	13	5	45	
4	d	1 10 S	canc. 6	14	6	48	
5	e	2 9 38 S	can. 20	15	7	51	Full
6	f	Twelfth day	leo. 3	16	4	A. 58	
7	g	4 1 R.	leo 17	17	5	51	
8	h	n. * B. tail.	leo 30	18	7	4	
9	i	n. * in A. ta.	virg. 12	19	8	6	
10	j	Sol in Aquar.	virg. 24	20	9	9	
11	k	1 past Epiph.	libr. 6	21	10	38	Moons Rising
12	l	n. Virg Spi	libr. 18	22	11	10	
13	m	n. Luc. cor.	libr. 30	23	12	9	
14	n	w. * Serp. n.	cor. 12	24	1	16	
15	o	with Oph.	cor. 24	25	2	13	
16	p	w. l. sh. H. re	agit. 6	26	3	18	
17	q	w. r. sh. Oph.	agit. 18	27	4	6	
18	r	2 past Epiph.	capr. 1	28	4	54	
19	s	w. * tail Vul.	capr. 14	29	5	34	
20	t	w. Br. * Vul.	capr. 27	30	6	21	
21	u	wi. Swans Br.	aqu. 11	31	7	11	New
22	v	w. * m. Peg.	aqu. 25	1	6	A. 51	
23	w	Term begins	pisc. 10	3	7	6	
24	x	w. * ta. whal.	pisc. 24	4	8	26	
25	y	Conver. S. Pau	aries 8	5	9	42	
26	z	wi. gir. Andro.	aries 13	6	10	58	
27	a	w. * kn. Cas.	taur. 7	7	12	11	
28	b	with Pleiades	taur. 21	8	1	M. 23	Moons Setting
29	c	with Regel	gem. 5	9	2	30	
30	d	K. Char. I. Mar.	gem. 19	10	3	20	
31	e	LUCK 1648.	canc. 2	11	4	29	

Much rain or snow, also lofty winds begin the year, then more clear and fair with frost for a time, which is soon changed into a turbulent unsettled air, which may continue more or less some few days: and now expect kind winterly weather, and probably snow in many places, but towards the end lofty winds which may also bring rain and disperse the snow.

# JANUARY, 1680.

Saturn this month sets before Sun rising. Jupiter culminates at the end of this month about Sun setting. Mars falls under the Sun beams. Venus is our bright morning Star, and rises a little before the Sun. Mercury keeps near the Sun and cannot be seen.

Engl. Accompt  
Fora. Accompt  
Rom. Kalender  
Rom. Saints da.

			Day 8 hours	18	33	58
11	b	Archas. D.		28	04	0
2	12	Benedict A.	* ♀ ♀ 4 a.	37	58	4 2
3	13	Kentig. Ab		4	57	4 3
4	14	p. Epiph.	□ ♀ ♂ 3 a.	5	56	4 4
5	15	Maurice		6	55	5
6	16	Marcellus		7	54	6
7	17	Anthony	♂ ♂ ♀ 5 a.	8	53	7
8	18	Pisica		9	52	8
9	19	Pont. Wol.	□ ♀ ♀ 8 m.	0	50	4 10
10	20	Fab. Seb. m	♂ ☉ ♀ 9 m. Day 8h. 10 m.	1	49	11
11	21	Agn. p. Ep.		2	47	13
12	22	Vincent	□ ☉ ♀ 11 a.	3	46	14
13	23	Emerent		4	45	15
14	24	Timothy B.		5	44	16
15	25	Con. S. Paul		6	43	18
16	26	P. lycarp		7	41	19
17	27	Chrysoft. B.		8	39	21
18	28	p. Epiph.		9	38	22
19	29	Theodore		10	36	24
20	30	Apolonia	* ♀ ♀ 9 a.	1	34	4 26
21	31	Cyriac		2	31	28
22	Febr.	Ign. B & M		3	30	30
23	1	Purif. Mary		4	28	32
24	2	Blas. B. M.		5	26	34
25	3	p. Epiph.		6	25	35
26	4	Agathy		7	23	37
27	5	Dorothy		8	21	39
28	6	Zachary	♂ ♀ ♀ 9 a.	9	20	40
29	7	Paul Bish.	Day 9 h. 10 m.	10	18	4 42
30	8	Apolonia	Δ ♀ ♀ 0.	11	17	4 44
31	9	Scholastic				

# February hath xxix. days.

- Full Moon the 4. day, 50 m. past 1 afternoon.
- Last Quarter the 12. day, 6 m. past 5 afternoon.
- New Moon the 19. day, 48 m. past midnight.
- First Quarter the 26. day, 46 m. past 4 afternoon.

No. Days	Week Days	Festival & Saints days, with the application to the noted fixed Stars.	The place in the zodiack at noon	The age	The rising from the full to the change, & setting from the change to the full Moon.	The various mutation of the weather.
1	D	4 past Epiph.	can. 16	12	5 M 24	Mild and warm at the beginning, but soon overcast with cold slabby drizzling rain, then more temperate for some few days, which is soon followed with rough winds, & churlish storms more or less in many places, but towards the end hopeful springing weather, kind and seasonable, with some dark air and drizzling snow, but morning frosts and clear air concludes the month.
2	E	Candlemas day	can. 29	13	5 55	
3	F	h 2 6 S R.	leo 11	14	6 36	
4	G	h 4 50 O	leo 25	15	Full	
5	A	h 26 37	virg. 8	16	5 A. 45	
6	B	h 11 38	virg. 20	17	6 37	
7	C	h 2 51	libr. 2	18	7 52	
8	D	Septuagesima	libr. 14	18	8 52	
9	E	Sol in Pisce	libr. 26	19	9 55	
10	F	near S. Ball	scorp 8	21	10 57	
11	G	W. B. * Ser. N.	scor. 20	22	11 54	Moons Rising
12	A	Term ends	sagit. 2	23	12 53	
13	B	w. hea. Oph.	sag. 14	24	1 M. 52	
14	C	Valentine	sag. 26	25	2 41	
15	D	Sexagesima	capr. 9	26	3 31	
16	E	with sw. bill	cap. 22	27	4 20	
17	F	in high w. Sw	aqua. 5	28	4 58	
18	G	in wing Swan	aqu. 19	29	5 19	
19	A	with Marchab	pisc. 4	30	5 54	
20	B	with * wh. ra.	pisc. 18	1	New	
21	C	with Andron.	aries 3	2	7 A. 35	Moons Setting.
22	D	Quinquagesima	aries 18	3	8 41	
23	E	with F. And.	taur. 3	4	9 58	
24	F	Shrove Tuesday	taur. 17	5	11 13	
25	G	S. Maubias	gem. 1	6	12 24	
26	A	with Orion B.	gem. 15	7	1 24	
27	B	with B. F II	gem. 29	8	2 38	
28	C		can. 14	9	3 30	
29	D	Quadragesima	can. 26	10	4 7	

# FEBRUARY, 1686

Saturn this month sets after midnight. Jupiter sets before midnight. Mars falls under the Sun-beams. Venus rises before the Sun in Aurora, or break of day. Mercury at the beginning of the month is in her greatest elongation from the Sun. the Moon the 25. day near Aldeb.

*Series, Signs & Concepts*

The mutual Aspects of the Planets, &c.

M. d. n. f.

English Accompt	Roman Calendar	Roman Saints days							
1 11	11	Epiph.					1	7	174 43
2 12	12	Hali. Nat.	Days length 1 h. 52 m.				2	16	44
3 1	1	Wolstan.	♂♂☉ 5 a.				3	14	46
4 4	4	Valentine					4	13	47
5 5	5	Faustin					5	12	48
6 6	6	Juliana					6	7	104 50
7 7	7	Diascore					7	8	52
8 8	8	Septuag. f.					8	4	56
9 9	9	Sabine	☐ ♀ ♀ 12 a.				9	2	58
10 10	10	Mildred	Δ ☉ ☽ 0 Day is 10 hours				10	7	05 0
11 11	11	69 Martyrs					11	6	58 2
12 12	12	Peters Ch.	* ♀ ♀ 5 m.				12	5	7 3
13 13	13	Policarp					13	5	5 9
14 14	14	Julian	Δ ☉ ♀ 5 m.				14	5	4 6
15 15	15	Severus					15	5	3 7
16 16	16	Severus					16	5	1 9
17 17	17	Augustine					17	4	9 11
18 18	18	Roman	* ♀ ♂ 7 a.				18	6	46 5 14
19 19	19	Alexand.					19	4	4 16
20 20	20	David B.					20	4	2 18
21 21	21	Chad.					21	4	2 20
22 22	22	Elfo with					22	3	8 22
23 23	23	Adrian					23	6	35 5 25
24 24	24	Shrove T.					24	3	2 28
25 25	25	Dies ciner.					25	3	0 30
26 26	26	Perpetua					26	2	7 33
27 27	27	Cyprian	Δ ♀ ♀ 13 a. Day in 3 h. 38 m				27	2	5 35
28 28	28	Prudenc.					28	6	24 5 36
29 10	29	Infoc. it							

March hath xxxi. days.

- Full Moon the 5. day, 35 m. past 6 in the morning.  
 First Quarter the 13 day, at 11 in the morning.  
 New Moon the 20. day, 36 m. past 10 in the morning.  
 First Quarter the 27. day, 12 m. past 2 in the morning.

1	David Bishop	leo	9	10	4	M. 54	
2	h 1 54 S D	leo	11	11	5	8	
3	Ember week	virg.	4	12	5	39	Cold and sharp
4	V 9 58 S	virg.	16	13	5	5	sturdy winds
5	♂ 19 16 X	virg.	19	15	6	Full	usher in the
6	♀ 14 23	libr.	11	15	6	A. 50	month. Right
7	Sund. in Lent	libr.	21	16	7	48	March weather
8	♀ 17 54 X	scorp.	4	17	8	50	for some few
9	n. R. S. Herc.	scor.	16	18	9	52	days, then sweet
10	Sun in Aries	scor.	18	19	10	50	springing wea-
11	n. kn. Ophin.	sag.	10	20	11	59	ther may be ex-
12	n. R. S. Oph.	sag.	22	21	12	39	pected, with
13	n. B. * Harp	capr.	4	21	1	M. 30	morning frosts,
14	Sund. in Lent	cap.	17	22	2	17	overcast at
15	n. B. * Vult.	cap.	3	24	2	54	night with winds
16	n. * in sw. br.	aqn.	1	25	3	37	clearing for a
17	n. * in m. Peg.	aqn.	27	26	4	7	while, but rain
18	near Marchab	pisc.	1	27	4	39	or snow follows.
19	near Wh. tail	pisc.	16	28	5	8	About the new
20	n. gir. Andro.	aries	12	28	6	New	Moon expect a
21	Midlent Sund.	aries	27	28	8	A. 40	sharp air, cold
22	n. Medusas h.	taur.	12	3	6	30	and windy, yet
23	n. Pleiades	taur.	27	4	10	17	for the most
24	near Rigel	gem.	11	5	11	31	part seasonable,
25	Lady Day	gem.	16	6	12	30	though very va-
26	near Sirius	canc.	9	7	1	M. 35	rious weather
27	near Præsepe	can.	23	8	2	22	in most places.
28	Sund. in Lent	leo	6	9	2	53	
29	near Cor Leo	leo	18	10	3	21	
30	near ba. Lion	virg.	1	11	3	52	
31	n. Lions tail	virg.	13	12	4	19	

Moons Rising

Moons Setting

Engl. Account



# MARCH, 1680.

Saturn this month sets after midnight. Jupiter sets after Sun set. Mars falls under the Sun-beams. Venus is still our morning Star, and rises before the Sun. Mercury falls under the Sun-beams, and cannot be seen this month. The 6. day in the evening the ♀ may be seen above the Virgins Spike.

Engl. Accompt	For. Accompt	Rom. Kalender	Rom. Sts. days				
1	11	c	Cunibert		Day is 11 h. 16 m.	1	6 22 38
2	12	a	Gregorius	☐ ♀ 9 8 m.		2	20 40
3	13	b	Ember we	* ♀ 9 16 a.		3	18 42
4	14	c	Candide			4	16 44
5	15	d	Longinus			5	14 46
6	16	e	Boniface			6	11 49
7	17	f	Reminisc			7	9 51
8	18	g	Edward			8	7 53
9	19	a	Jeph			9	3 57
10	20	b	Cutbert		Day is 12 h.	10	6 0 0
11	21	c	Benedict	☐ ☉ 7 a.		11	5 58 2
12	22	d	Paulinus	☉ ☉ 4 m.		12	57 3
13	23	e	Theodore			13	56 4
14	24	f	Oculi			14	54 6
15	25	g	Annun. M	☐ ♀ 12 a.		15	52 8
16	26	a	Castor			16	50 10
17	27	b	Martian			17	48 12
18	28	c	Dorothy			18	46 14
19	29	d	Eustace	☉ ☉ 14 a.		19	44 16
20	30	e	Guido			20	42 18
21	31	f	Lawar	△ ♀ 15 a.		21	40 20
22	Ap	g	Theodore	☐ ♀ 10 m.		22	39 21
23	1	a	Mar. Egip			23	37 23
24	2	b	Ulpian			24	36 24
25	3	c	Ambrose			25	34 26
26	4	d	Vincent			26	32 28
27	5	e	Egefippus		Day is 13 hours	27	30 30
28	6	f	Judica			28	28 32
29	7	g	Dionysius			29	26 34
30	8	a	Valerian			30	25 35
31	9	b	Eschillus	* ♀ 6 m.		31	23 36

# April hath xxx. days.

Full Moon the 3. day, 33 m. past 11 at night.  
 Last Quarter the 11 day, 40 m. past midnight.  
 New Moon the 18 day, 46 m. past 6 afternoon.  
 First Quarter the 25. day, 12 m. past 1 afternoon.

1		5	15	♈	Virg. 15	13	4	42	
2		6	16	♉	Libr. 7	14	5	7	
3		7	17	♊	Libr. 19	15	6	2	Grateful and
4		8	18	♋	Cor. 1	16	6	A. 57	seasonable wea-
5		9	19	♌	Cor. 13	17	7	51	ther begins the
6		10	20	♍	Cor. 16	18	8	40	month, and in
7		11	21	♎	Agit. 7	19	9	30	all probability
8		12	22	♏	Ag. 19	20	10	35	may continue
9		13	23	♐	Capr. 1	21	11	31	several days,
10		14	24	♑	Cap. 13	22	12	25	viz. some April
11		15	25	♒	Cap. 26	23	1	13	showers with
12		16	26	♓	Aqua. 9	24	1	45	frost in the mor-
13		17	27	♈	Aqua. 21	25	2	34	nings, then about
14		18	28	♉	Pisc. 6	26	3	20	the midst of the
15		19	29	♊	Pisc. 20	27	4	25	month expect
16		20	30	♋	Aries 5	28	5	30	cloudy weather,
17		21	31	♌	Aries 10	29	6	18	threatning snow
18		22	1	♍	Taur. 5	30	7	15	or hail in many
19		23	2	♎	Taur. 20	1	8	15	places, or
20		24	3	♏	Gem. 5	2	9	23	changeable wea-
21		25	4	♐	Gem. 20	3	10	31	ther with lofty
22		26	5	♑	Canc. 5	4	11	23	winds, yet good
23		27	6	♒	Can. 19	5	12	9	springing wea-
24		28	7	♓	Leo 2	6	12	44	ther in the gene-
25		29	8	♈	Leo 15	7	1	18	ral, and towards
26		30	9	♉	Leo 28	8	1	M. 48	the end expect
27		1	10	♊	Virg. 1	9	2	7	much rain not
28		2	11	♋	Virg. 12	10	2	32	unseasonable.
29		3	12	♌	Libr. 4	11	3	12	
30		4	13	♍	Libr. 16	12	3	40	

Moons Rising

Moons Setting

Engl. Account

# APRIL, 1680.

Engl. Accompt. For. Accompt. Rom. Kalender Rom. Stc. days

Saturn *sets this month much about midnight.*  
 Jupiter *towards the end bereof draws near the Sun*  
*and cannot be seen.* Mars *is not yet free from the*  
*Sun-beams.* Venus *is our morning Star.* Mercury  
*at the beginning of the month emerges out of the*  
*Suns Rays.*

1	11	c	Leo Pope	Day 13 h. 15 m.	15	24	6	39
2	12	d	July Bith. * 12 42.		2	18		42
3	13	e	Zenon		3	16		44
4	14	f	Palm Sun.		4	14		46
5	15	g	Olympia		5	12		48
6	16	a	Isidore		6	10		50
7	17	b	Cosmie		7	7		53
8	18	c	Valerian ☿ ♄ 6 m.		8	4		54
9	19	d	Timothy		9	2		58
10	20	e	Vict. Mart.	Day is 14 hours	10	5	0	7 0
11	21	f	Easter-Day		11	4	58	2
12	22	g	Emanuel		12	57		3
13	23	a	S. George * ☉ 13 a.		13	55		5
14	24	b	Wilfride		14	53		7
15	25	c	S. Mark		15	51		8
16	26	d	Clete		16	50		10
17	27	e	Anastafius ☿ ♄ 14 a.		17	48	7	12
18	28	f	Quasimod.		18	46		14
19	29	g	Sybil		19	44		16
20	30	a	Erkenwald.		20	42		18
21	May	b	Phil. & Jac.		21	40		20
22	2	c	Athanasius		22	39		21
23	3	d	Inv. Crucis		23	37		23
24	4	e	Festum Co.		24	35		25
25	5	f	Misericord.		25	33	7	27
26	6	g	Jo. Por. La.	Day is 15 hours	26	31		29
27	7	a	John of B.		27	29		31
28	8	b	Ap. S. Mich.		28	27		33
29	9	c	Job		29	25		35
30	10	d	Gordian		30	23	7	37

# May hath xxxi. days.

- Full Moon the 3. day, 46 m. past 3 afternoon.
- Last Quarter the 11. day, 52 m. past 10 in the morning.
- New Moon the 18. day, 7 m. past 2 in the morning.
- First Quarter the 25. day, 5 m. past 2 in the morning.

1	S. Phil. & Jacob	libr. 28	13	3	M. 58	
2	3 Sund. p. Easter	cor. 10	14	4	28	
3	b 6 7 8	cor. 22	8		Tull	
4	♀ 23 41 8	agit. 4	16	8	A. 15	
5	♂ 5 57 8	lag. 16	17	8	45	
6	♀ 26 4 7	lag. 28	18	9	1.	
7	♀ 27 36 8	capr. 10	19	9	46	
8	♂ n. ♀ in lw. bill	capr. 23	20	10	26	
9	4 Sund. p. Easter	aqua. 6	21	11	1	Moons Rising
10	Sol in Gemini	aqu. 19	22	11	47	
11	♂ n. Swans tail	pisc. 2	12	34		
12	♂ ne. Marchab	pisc. 15	24	4	M. 4	
13	♂ n. * S. T. wh.	pisc. 29	25	1	39	
14	♂ n. * in w. bel.	aries 14	26	2	9	
15	♂ n. * hor. ram	aries 28	27	2	40	
16	Rogation Sund.	taur. 14	28	3	0	
17	♂ near Pleiades	taur. 28	29	3	26	
18	♂ n. * in th. Or	gem. 14	29	3	New	
19	♂ n. * in S. Aur.	gem. 29	13	A. 55		
20	Holy Thursday	can. 13	29	44		
21	♂ n. lesser Dog	can. 27	3	10	29	
22	♂ near Hydra	leo 11	4	11	19	Moons Setting
23	Exaudi	leo 24	5	12	3	
24	Terra ends	virg. 7	6	12	43	
25	♂ ne. tail Lion	virg. 19	2	1	M. 29	
26	♂ near Viadom.	libr. 1	8	2	14	
27	♂ ne. l. Sh. Booc.	libr. 12	9	3	0	
28	♂ ne. Spi. Virg	vir. 25	10	3	40	
29	K. Char. l. Na.	scorp. 7	11	4	20	
30	Waistunday	cor 18	12	5	0	
31	♂ n. l. kn. Oph.	agit. 0	13	5	45	

This month is ushered in with warm pleasant seasonable weather, which may render it a kind May, at least at the beginning or the former half thereof, but afterwards it is very probable it may prove more hot than ordinary, producing Thunder or Coruscations in the air, but towards the latter end much more temperate and seasonable, with gentle gales of wind, and pleasant sweet air may be expected.

# MAY, 1680.

Saturn falls under the Sun beams this Month, and so hid from our sight. Jupiter suffers the same Combustion, Mars rises before the Sun, but falls under his Rays and cannot be seen, so doth Venus and Mercury also; therefore none of the Planets can be observ'd this month.

R. Saints d.  
 Ro. Kalen.  
 Fog Acc.  
 Fast Acc.

1	11	C	Mamert		1	4	22	7	38
2	12	E	Jubilare	Day 15 h. 16 m.	1	21			39
3	13	G	Servatius	♂ ☉ ♄ 11 m.	3	20			40
4	14	A	Isidore		4	19			41
5	15	U	Brandon	* ♄ ♂ 15 a.	5	17			43
6	16	C	eregrine		6	15			45
7	17	D	Dunstan	♂ ☉ ♀ 4 a.	7	13			47
8	18	E	Potent		8	12			48
9	19	E	Cancere		9	11			49
10	20	G	Ellen. Reg.		10	4	10		50
11	21	A	Julian Virg.	♂ ♄ ♀ o.	11	9			51
12	22	h	Desiderius	Day 15 h. 48 m.	12	7			53
13	23	C	Trans. Franc		13	6			54
14	24	D	Adelme B.		14	4			56
15	25	E	Urban.	♂ ♄ : o.	15	2			58
16	26	E	Rogare		16	1			59
17	27	α	Coronis mar		17	3	55	8	1
18	28	α	German		18		58		2
19	29	h	Felix		19		56		4
20	30	C	Ascen. Dom.		20		55		5
21	31	U	Felix Port.		21		54		6
22		h	Nicodemus		22		53		7
23		E	Exaudi		23		52		8
24		G	Erasmas		24		52		8
25		A	Petrocie	Day is 16 h. 20 m.	25		52		8
26		h	Boniface		26		52		8
27		C	Claudius	♂ ♂ ♀ o.	27		52		8
28		D	Paul. Ep.		28		51		9
29		E	Medard.		29		51		9
30		E	Pentecost		30		50		10
31		G	Onuphrius	B	31		50	8	10

# June hath xxx. Days.

- Full moon the 2 day, 28 min. past 6 in the morn.
- ☾ Last quarter the 9 day, 12 min. past 6 in the afternoon.
- New moon the 16 day, 36 min. past 9 in the morn.
- ☽ First quarter the 23 day, 6 min. past 6 afternoon.

1	e	h 9.33 S	Sag. 13	14	6 M	30	Moons Rising	At the beginning hereof, expect pleasant cooling gales of wind, with some few fruitful & refreshing showers of rain, but about the new Moon, hot sultry weather, & probably Thunder in many places, which will very much clear the Air, attended also with some few hasty showers, but the weather for the most part throughout the whole month should be sufficiently pleasant and no less seasonable.
2	f		Sag. 25					
3	g	♈ 0.38 II.	Cap. 7	16	5 A	3		
4	a	♊ 27.41 ♂.	Cap. 20	17	6	22		
5	b	♋ 2.51 II	Aqu. 3	18	7	27		
6	c	Tria. S. 1.	Aqu. 15	19	8	15		
7	d	♌ 4.33 II	Aqu. 29	20	9	18		
8	e	♍ n March.	Pisc. 12	21	10	30	Moons Setting	
9	f	♍ n sheat.	Pisc. 25		11	33		
10	g	♎ n. Ch. 1.	Ari. 9	23	12	54		
11	a	♏ n. B. 1.	Ari. 23	24	2 M	2		
12	b	♐ n. T. 1.	Tau. 8	25	3	7		
13	c	♑ n. 1.	Tau. 22	26	4	11		
14	d	♒ n. 1.	Gem. 7	27	5	37		
15	e	♓ n pol. star.	Gem. 22	28	6	45	Moons Setting	
16	f	♓ n Syrius.	Can. 7					
17	g	♓ n Procyon	Can. 21	1	54	9		
18	a	♓ n so. Affel	Leo 5	2	6	4		
19	b	♓ n CorLeo.	Leo 18	3	7	40		
20	c	♓ n. 1.	Virg. 2	4	3	29		
21	d	♓ n ta. Lyon	Virg. 15	5	10	17		
22	e	♓ n * in b. t.	Virg. 27	6	11	18	Moons Setting	
23	f	♓ n Li sh. b.	Lib. 9	7	12	24		
24	g	♓ n. 1.	Lib. 21	8	1 M	30		
25	a	♓ n L.C. (3	Sco. 3	9	2	38		
26	b	♓ n * in sn.	Sco. 15	10	3	23		
27	c	♓ n. 1.	Sco. 27	11	4	18		
28	d	♓ n L. sh. he.	Sag. 9	12	5	7		
29	e	♓ n. 1.	Sag. 21	13	6	6	Moons Setting	
30	f	♓ n. 1.	Cap. 3	14	6	49		

1680.

Saturn falls under the sun beams this month, *Jupiter* at the end of the month emerges out of the sun beams, so doth *Mars* also, but *Venus* & *Mercury* continue therein. The *Virgin* (spike) is south at the beginning of this month about 8 at night, *Arcturus* at 9, & the *scorpion* at 10 at night.

For. Acc.	Rom. Calend.	Ro. Saints d.	Saturn falls under the sun beams this month, Jupiter at the end of the month emerges out of the sun beams, so doth Mars also, but Venus & Mercury continue therein. The Virgin spike is south at the beginning of this month about 8 at night, Archirus at 9, & the scorpion at 10 at night.
11	a	St. Barnabas.	13 50 8 10
12	h	St. Mar. w. c.	2 49 11
13	c	Anthony	3 49 11
14	d	Basil Bish.	4 49 11
15	e	Vitus	5 48 11
16	f	Trin. Sund.	6 48 12
17	g	Botolph	7 48 12
18	a	Marceline	8 3 47 8 12
19	h	Gervase	9 47 13
20	c	Corp. Christi.	10 47 13
21	d	Walburg	11 47 13
22	e	Albany	12 47 13
23	f	Trin.	13 47 13
24	g	St. John Bap.	14 47 13
25	a	Tran. of Elig	15 3 48 8 13
26	b	John & Paul.	16 48 12
27	c	7 sleepers	17 48 12
28	d	Leo fast.	18 49 12
29	e	St. Pet. & Paul.	19 49 11
30	f	Trin.	20 49 11
1	g	O. St. Jo. B.	21 50 8 10
2	a	Visitat. Mary	22 50 10
3	b	Cornelius	23 51 9
4	c	Ulricus	24 51 9
5	d	Zeo Virg.	25 52 8
6	e	Hector	26 52 8
7	f	Trin.	27 53 7
8	g	Chilianus	28 54 5
9	a	Cyril Bishop	29 55 4
10	b	7 Breth. mar.	30 56 3 4

# July hath xxxi. Days.

- Full Moon the 1 day, 30 min. past 7 afternoon.
- Last quarter the 8 day, 56 min. past 11 at night.
- New Moon the 15 day, 22 min. past 6 afternoon.
- First quarter the 23 day, 20 min. past 11 morning.
- Full Moon the 31 day, 7 min. past 7 morning.

1	G	h 13.25 S	Cap. 10	Full	4	Moons rising	Brisk gales of
2	u	Vifitat. Mary	Cap. 29	16 5	A	4	wind, and
3	h	7.1 II	Aqu. 12	17 5	5	1	seasonable
4	C	past Tria.	Aqu. 2	18 7	2	2	welcome
5	u	19. 14 II	Pifces 9	19 8	16	3	showers of
6	C	10. 34 S	Pifce. 22	20 9	20	4	rain at the
7	f	1. 1. 1.	Aries 6	21 10	40	5	beginning
8	G	Dn gir. nd.	Aries 20	21 11	59	6	hereof, and
9	a	Dn schedir	Tau. 4	23 1	M	7	probably more
10	h	Dn h Meduf.	Tau. 18	24 2	17	8	rain than is
11	C	past Trin.	Gem. 2	25 3	27	9	usual, with
12	u	Sol in Leo.	Gem. 17	26 4	31	10	some Thun-
13	C	Dn * in bl of	Can. 1	27 5	28	11	der claps
14	f	Dn C & P.	Can. 16	28 6	9	12	about the
15	G	St. Swichin	Can. 30	New	7	13	midft, but the
16	a	Dn hydr. h.	Leo 14	1 5	A	14	latter half may
17	h	Dn cor Leo.	Leo 27	2 6	43	15	be more tem-
18	C	6 past Trin.	Virg. 10	3 7	55	16	perate & sea-
19	u	Log-dw. le	Virg. 23	4 8	59	17	sonable witha
20	C	Dn vindem.	Libra 5	5 10	6	18	remiffion of
21	f	Dn Virg. fpi.	Lib. 17	6 11	0	19	heat; and in-
22	G	Dn Arcturus	Lib. 29	7 12	5	20	deed curious
23	u	Dn Co Ball.	fcorp. 11	1	9	21	summer wea-
24	h	Dn R s Here.	fcorp. 23	9 2	10	22	ther, therefore
25	C	St. James A	fcagit. 5	10 3	8	23	thofe which
26	u	Dn he of Op.	fcagit. 17	11 3	59	24	are concern'd
27	C	Dn R sh of O.	fcagit. 29	12 4	42	25	may now make
28	f	Dn br. * har.	Cap. 12	13 5	25	26	hay whilst the
29	G	Dn * in f. b.	Cap. 24	14 6	10	27	fun fhines, and
30	a	Dn wing fw.	Aqu. 8	15 6	48	28	neglect no op-
31	h	Dn fwans b.	Aqu. 21	16 7	1	29	portunities.



# JULY 1680.

Engl. Acc.	For. Acc.	Rom. Kalend.	R. Saints d.				
				Sat. in the morn. emerges out of the beams, Jup. rises before the sun, Mars may be seen in the morn. before sun ris. Ven. and Merc. falls under the sun beams and cannot be seen, the Virg. sp. is south at the begin. of the month about 6 at n. A. R. at 7 and the Sc. h. at 8 m.			
11	11	C	Pius			13	57 8 3
2	12	D	Henry	☉ ☿ 5 a.		2	57 3
3	13	C	Margaret			3	58 2
4	14	D	4 past Trin.			4	59 1
5	15	D	St. Swith. B.			5	4 08 0
6	16	C	Osmond	Day 16 h.		6	27 58
7	17	D	Kenelme			7	3 57
8	18	C	Rosine			8	5 55
9	19	D	Ruffin	* ☿ ☿ 4 a.		9	6 53
10	20	C	Margate			10	8 52
11	21	D	5 past Trin.	* ☿ ☿		11	9 51
12	22	C	Mary Magd.			12	11 49
13	23	D	Apolin Bishop			13	12 7 48
14	24	C	Christ. Bishop			14	4 13 47
15	25	D	St. James Ap.			15	14 46
16	26	C	Anne			16	16 44
17	27	D	7 Sleepers			17	17 43
18	28	C	6 past Trin.			18	18 42
19	29	D	Beatrice	Day 15 h.		19	20 40
20	30	C	Abdon			20	21 7 39
21	31	D	German Bish.			21	4 23 37
22	Aug 1	C	Lammas			22	25 35
23	2	D	Stephen	* ☿ ☉ 10 m.		23	27 33
24	3	C	Dominic.	* ☿ ☿ 7 m.		24	29 31
25	4	D	9 past Trin.			25	30 30
26	5	C	Justin			26	32 28
27	6	D	Oswald			27	34 26
28	7	C	Tran figurat.			28	36 24
29	8	D	Donatus			29	37 23
30	9	C	Cyriac	☐ ☿ ☿ 11 a.		30	38 22
31	10	D		* ☿ ☉ 17 a.		31	39 21

# August hath 31 Days.

- Last quarter the 7 day, 3 min. past 7 in the morn.
- New Moon the 14 day, 25 min. past 5 in the morn.
- First quarter the 22 day, 15 min. past 5 in the morn.
- Full Moon the 29 day, 45 min. past 5 afternoon.

1	C	8 past Trin.	Pisc.	5	17	5	A	59	Moons Rising	Good pleasant summer weather at the beginning, which in all probability may continue without much alteration, till about the new Moon, then we are threatened with some few storms, rain & thunder. But afterwards good harvest weather for many days, yet towards the end foggy mornings and various weather (though not much different from some former Augusts) may be expected.
2	D	h 17. 25 S	Pisc.	18	18	7		11		
3	E	W 12. 23 II	Aries	2	19	8		29		
4	F	♂ 9. 10 S	Aries	17	20	9		51		
5	G	♀ 17. 27 ♀	Tau.	1	21	10		58		
6	A	♀ 20. 41 W	Tau.	15	22	12		10		
7	B		Tau.	29	23	1	M	17		
8	C	5 past Trin.	Gem.	13	24	2		10	Moons setting	
9	D	n Propus	Gem.	27	25	3		21		
10	E	n Sirius	Can.	11	26	4		32		
11	F	n Procyon	Can.	25	27	4		58		
12	G	n so. Assel.	Leo	9	28	5		30		
13	A	Sol in Virgo	Leo	22	29	6		7		
14	B	n * in B.L.	Virg.	5	30		New			
15	C	10 past Trin	Virg.	18	1	6	A	39	Moons setting	
16	D	Assump. V.M.	Lib.	1	2	7		55		
17	E	n L. sh. B	Lib.	13	3	9		16		
18	F	n Virg. sp.	Lib.	25	4	10		1		
19	G	n Luc. Cor.	Scor.	7	5	11		4		
20	A	n * in s. n.	Scor.	19	6	12		3		
21	B	n L k n Op.	Sag.	1	7	12		59		
22	C	11 past Trin	Sag.	13	8	1	M	57	Moons setting	
23	D	n R. sh Op.	Sag.	25	9	2		46		
24	E	St. Bartholom	Cap.	7	10	3		29		
25	F	n * int. v.	Cap.	20	11	4		13		
26	G	Dog-days end.	Aqu.	2	12	4		56		
27	A	n swans b.	Aqu.	16	13	6		13		
28	B	n Toman.	Aqu.	29	14	6		51		
29	C	12 past Trin	Pisc.	13	15		Full		Moons setting	
30	D	n sheat.	Pisc.	27	16	6		17		
31	E	n wh. belly.	Ari.	12	17	7		18		

# AUGUST 1680.

Saturn rises before midnight, *Jupiter* rises near the same time, *Mars* rises before the Sun *Venus* falls under the Sun beams, *Mercury* cannot be seen in our northern Hemisphere, but in the southern Zone he appears in great splendor. The 1 day *Tomab.* south at 1 morn.

R. faints d.  
Rom. Kalend.  
For. Acc.  
(Engl. Acc.)

1	11	a	18 past Trin.		1	4	39	7	21
2	12	a	Clare	Day 14 h 42 m.	2	40			20
3	13	a	Hypolite	* h ♀ 16 a.	3	42			18
4	14	b	Euseby		4	44			16
5	15	c	Assump. Mar.		5	46			14
6	16	d	Roch		6	48			12
7	17	e	Oct. Laur.		7	50			10
8	18	f	9 past Trin.		8	52			8
9	19	g	Magnus		9	54			6
10	20	a	Lewis Bishop		10	56			4
11	21	b	Bernard		11	58			2
12	22	c	Symphrorina		12	59			1
13	23	d	Zachæus		13	5	16		59
14	24	e	St. Bartholom.		14	3			57
15	25	f	10 past Trin.		15	5			55
16	26	g	Severine	Day 13 h.	16	6			54
17	27	a	Magnus m.		17	8			52
18	28	b	Augustine		18	10			50
19	29	c	St. Ioh. beh.		19	12			48
20	30	d	Felix	♂ h ♂ o.	20	14			46
21	31	e	Paulinus		21	16			44
22		f	11 past Trin. Septemb.		22	5	18	6	42
23		g	Anthony		23	20			40
24		a	Gregory		24	22			38
25		b	Theodosius	♂ o ♀ o.	25	24			36
26		c	Martin	Day 12 h 30 m.	26	26			34
27		d	Eugenius	□ ♀ ♀ 12 a.	27	28			32
28		e	Gorgan	□ ♀ o 8 m.	28	30			30
29		f	12 past Trin.		29	31			29
30		g	Silvius		30	32			28
31		a	Protho	* h ♀ 16 a.	31	5	35	6	27

# September hath xxx. Days.

- First quarter the 5 day 50 min. past 10 morn.
- New Moon the 12 day 24 min. past 7 afternoon.
- Last quarter the 20 day near 11 at night.
- Full Meon the 28 day 45 min. past 3 morning.

1	f	h 20.31 ☾	Aries 26	188	A	58	Moons rising	Temperate & good Harvest weather at the beginning hereof, which continues not long before it be changed into winds and rain, and probably more than is desired; yet not so much as to produce Landfloods. But the end of the month affords more fair, warm, pleasant weather, with some clearing gentle breezes of wind very seasonable and no less whel some.
2	B	♄ II 15. 40.	Tau. 11	199		56		
3	a	♂ 28. 7 ☾	Tau. 25	2010		58		
4	b	♀ 24.40 ☿	Gem. 10	2112		29		
5	c	♂ 3 past Trin.	Gem. 24	D 1	M	30		
6	d	♀ 0. 12 ☿	Can. 8	232		27		
7	e	♂ n pol. here.	Can. 21	243		5		
8	f	♂ n f Asell.	Leo 5	253		44		
9	g	♂ n Ly. heart	Leo 18	264		10		
10	a	♂ n * in B.t.	Vir. 1	274		42		
11	b	♂ n Bears tail	Vir. 14	285		10	Moons setting	
12	c	♂ 14 past Trin.	Vir. 27	☾ New	D	—		
13	d	♂ 10 Libra.	Lib. 9	16	A	55		
14	e	Exalt. Cruc.	Lib. 21	27		37		
15	f	Ember week.	Scorp. 3	38		48		
16	g	♂ n Nör Bali	Scorp. 15	410		0		
17	a	♂ n * inf hm.	Scorp. 27	511		2		
18	b	♂ n l sh Herc.	Sagit. 9	611		50		
19	c	♂ 15 past Trin.	Sagit. 21	712		44		
20	d	♂ n br. * ha.	Cap. 3	D 1		33		
21	e	St. Matthew.	Cap. 15	92	M	12	Moons rising	
22	f	♂ n B * vult	Cap. 28	102		49		
23	g	♂ n w of fw.	Aqu. 10	113		22		
24	a	♂ n l w swan	Aqu. 23	124		0		
25	b	♂ n swan sta.	Pisces 7	134		30		
26	c	♂ 16 past Trin.	Pisces 21	144		54		
27	d	♂ n Androm.	Aries 6	155		20		
28	e	♂ n gir. And.	Aries 21	☾ Full	D	—		
29	f	St. Michael.	Taurus 5	177	A	41		
30	g	♂ n Pleiade	Taur. 21	189		13		

# SEPTEMBER 1680

Fest. Acc.		Room. Calend.	Re. ants. d.	Sot. this month rises about midnight, <i>Jup.</i> rif. before midnight, <i>Mars</i> rises after midn. <i>Ven.</i> falls under the sun beams, <i>Merc.</i> emerges in the morn. out of the sun beams, the 3 day in the even. the Moon may be seen above the <i>Hys.</i> the <i>Scorpi.</i> heart south 5 at n. the 1 day.	
1	11		Burchan	Day 12 h. 46 m.	13 8 6 22
2	12	C	Guidon	* ☉ h 7 a.	2 40 2
3	13	O	Amanci		3 42 18
4	14	O	Evale. Cruc.		4 44 16
5	15	O	23 past Trin.		5 45 15
6	16	O	Edith	Edith	6 47 13
7	17	O	Lambert	Lambert	7 49 11
8	18	O	Ember week.		8 50 10
9	19	C	January	☉ ☽ 8 m January	9 51 9
10	20	O	Eustatius	* ☽ ☽ 8 a Eustatius.	10 53 7
11	21	O	St. Matthew	Day 12 h.	11 55 5
12	22	O	14 past Trin.		12 58 2
13	23	O	Elia		13 6 06 0
14	24	O	Andoche na.		14 25 58
15	25	O	Cleophas	* ☽ ☽ 6 a.	15 4 56
16	26	C	Cyprian		16 6 54
17	27	O	Cosmine & D		17 8 52
18	28	O	Exupera		18 10 40
19	29	O	St. Michael		19 12 48
20	30	O	Hierom		20 14 46
21	Oct 1	O	Remigius	* ☽ ☽ 6. day 11 h.	21 16 44
22	2	O	Leodegar	Δ ☽ ☽ * ☽ ☉.	22 18 42
23	3	O	Candide		23 20 40
24	4	O	Francis		24 22 38
25	5	O	Constane		25 24 36
26	6	O	16 past Trin.	☉ ☽ ☽ 4 a.	26 26 34
27	7	O	Dyonisius		27 28 32
28	8	O	Victor	Δ ☉ ☽ 13 a.	28 30 30
29	9	O	Nicassus		29 32 38
30	10	C	Wilfrid		30 6 34 16

# October hath xxxi Days.

- ☾ Last quarter the 4 day, 48 min. past 6 afternoon.
- New Moon the 12 day, 3 min. after noon.
- ☽ First quarter the 20 day, 36 min. past 3 afternoon.
- ☾ Full Moon the 27 day, 30 min. past 1 afternoon.

1	a	h 22.30 ☽ D Gem.	5 20 10	A 22	Moons rising	Tis more than probable that much variety of weather may be produced this month, viz. rain or cold snow, with dark cloudy foggy unpleasant
2	b	♄ 16.19 ♀ R. Gem.	20 21 11	25		
3	c	♂ 17 past Trin. Can.	5 22 12	6		
4	d	♂ 16.27 ♀ Can.	18 1 14	9		
5	e	♀ 3.21 ♀ Leo	2 24 1	45		
6	f	♀ 11.16 ♀ Leo	15 25 2	22	Moons rising	Air for many days, and probably morning frosts, with unwholesome blasts of wind and right winterly weather, with little or no intermission of pleasant weather from the beginning to the end.
7	g	♂ n* in L.N. Leo	28 26 2	56		
8	a	♂ n* in B.T. Virg.	11 27 3	25		
9	b	♂ n* in B.T. Virg.	23 28 3	48		
10	c	♂ 15 past Trin. Lib.	5 29 4	7		
11	d	♂ n Virg. sp. Lib.	18 30 4	37	Moons setting	right winterly weather, with little or no intermission of pleasant weather from the beginning to the end.
12	e	♂ n Luc. Cor. Lib.	30 ● New			
13	f	♂ Sol in Scor. scor.	12 27 A	58		
14	g	♂ n* r s Her. scor.	24 3 9	3		
15	a	♂ n Antares sag.	6 4 9	43		
16	b	♂ n h. of Op. sag.	18 5 10	48	Moons rising	right winterly weather, with little or no intermission of pleasant weather from the beginning to the end.
17	c	♂ 19 past Trin. sag.	29 6 12	25		
18	d	♂ St. Luke Ev. Cap.	12 7 1 M.	34		
19	e	♂ n br. * v. Cap.	24 8 2	27		
20	f	♂ n b. * w. b. Aqu.	6 9 3	15		
21	g	♂ n * in f. b. Aqu.	19 10 4	5	Moons setting	right winterly weather, with little or no intermission of pleasant weather from the beginning to the end.
22	a	♂ n swans t. Pisc.	2 11 4	58		
23	b	♂ Terq. t. Pisc.	15 12 5	50		
24	c	♂ 20 past Trin. Pisc.	30 13 6	40		
25	d	♂ n b. * w. b. Aries	14 14 7	28		
26	e	♂ n * in h. R. Aries	29 15 8	16	Moons rising	right winterly weather, with little or no intermission of pleasant weather from the beginning to the end.
27	f	♂ n * in k. C. Taur.	14 16 9	7		
28	g	♂ St. Sil. Taur.	29 17 7 A	57		
29	a	♂ n sho Ori. Gem.	14 18 9	13		
30	b	♂ n r s Aur. Gem.	29 19 10	14		
31	c	♂ 21 past Trin. Canc.	14 20 11	6	Moons rising	right winterly weather, with little or no intermission of pleasant weather from the beginning to the end.

# OCTOBER 1680.

<p><i>Saturn</i> this month rises before midnight, <i>Jupiter</i> rises after Sun set, <i>Mars</i> rises at midnight, <i>Venus</i> and <i>Mercury</i> are hid by the Sun beams. The 28 day in the Evening the Moon will touch the south eye of the Bull. The first day the head of <i>Andromeda</i> is south about 11 at night, 10 is the Star in the tip of <i>Pegasus</i> Wing.</p>					
Engl. Acc.	For Acc.	Rom. Calend.	Rom. saints d.		
1 11	D	Transf. of Ed.		1 5	36 5 24
2 12	E	Wilfred M. * ♀ ♂ 15 a.		2	38 22
3 13	M	17 past Trin.		3	40 20
4 14	N	Tra. Ed.		4	42 18
5 15	A	Mich. in Mo. ☐ ☉ h 6 m.		5	44 16
6 16	B	Wolfran		6	46 14
7 17	C	Tran. of Eth.		7	48 12
8 18	D	St. Luke Ev.		8	50 10
9 19	E	Protony Δ ♀ ♀ 5 m.		9	52 18
10 20	M	19 past Trin.		10 6	54 5 6
11 21	N	XI m. Virg. * ♂ ♀ 17 a.		11	56 4
12 22	A	Mary colom.		12	58 2
13 23	B	Beverius ☐ h ♀ 5 m.		13 7	0 5 0
14 24	C	Maglore B.		14 7	2 4 58
15 25	D	Crispin		15	4 56
16 26	E	mandus		16	6 54
17 27	M	19 past Trin.		17	8 52
18 28	N	St. and Jude.		18	10 50
19 29	A	Narcissus		19	12 48
20 30	B	Germane		20	14 46
21 31	C	Quintine		21	15 45
22	D	All Saints.		22	17 43
23	E	All Souls		23	19 41
24	M	20. past Trin. ☐ ♂ ♀ 7 m.		24	20 40
25	N	Amantius ☐ ☉ ♀ 10 m.		25	22 32
26	A	Richard		26	24 36
27	B	Leonard		27	26 34
28	C	Wolfrid		28	28 32
29	D	Claudius		29	30 30
30	E	Theodore		30	32 28
31 10	M	21 past Trin. Δ h ♀ 10 a.		31 7	33 27

# November hath xxx. Days,

- ☾ Last quarter the 3 day, 3 min. past 6 morning.
- ☼ New Moon on the 11 day, 20 min. past 6 morning.
- ☽ First quarter the 19 day, 21 min. past 6 morning.
- ☼ Full Moon the 25 day, 36 min. past 11 at night

1	☼ All Saints	Can.	28	21	11	A	52	Moons rising	Moderate sea-
2	☼ All souls	Leo	12	22	12		28		sonable wea-
3	☼ 22.53	Leo	25	21	1	M	5		ther at the
4	☼ 13.43	Virg.	8	24	1		26		beginning,
5	☼ Sunp. Treat.	Virg.	20	25	1		46	Moons setting	inclinable to
6	☼ 3.56	Libra	3	26	2		14		frost; after-
7	☼ 22 past Trin.	Libra	15	27	2		37		wards winds
8	☼ 15.51	Libra	27	28	3		7		raising Clouds
9	☼ 6.33	Scorp.	9	29	3		33	Moons setting	which bring
10	☼ ☽ R. sh. Her.	Scorp.	21	30	4		3		snow or
11	☼ ☽ L. kn Op.	Sagit.	3	2		Full			cold drizzling
12	☼ Sol in Sagit.	Sagit.	14	2			37		rain with
13	☼ ☽ R. sh of Op.	Sagit.	26	3	9		29	Moons setting	much
14	☼ 23 past Trin.	Capr.	9	4	0		12		slabby
15	☼ ☽ in swans b.	Capr.	21	5	10		5		weather,
16	☼ ☽ in * h. w. b.	Aqu.	3	6	11		30		thereby ren-
17	☼ ☽ in * in h. w. f.	Aqu.	15	7	12		0	Moons rising	dering the
18	☼ ☽ in * in m. p.	Aqu.	28	8	12		45		season purely
19	☼ ☽ in march b.	Pisces	1	9	1		24		winterly, with
20	☼ ☽ in scheat	Pisces	13	10	2		18		cold sharp
21	☼ 24 past Trin.	Aries	2	11	2		58	Moons rising	mornings a-
22	☼ ☽ in Gir. And.	Aries	14	12	3		50		bout the full
23	☼ ☽ in * in h. f.	Taur.	7	13	4		40		moon, but
24	☼ ☽ in h. of Me.	Tau.	22	14	5		45		more warm &
25	☼ ☽ near Alde.	Gem.	7	15		New		Moons rising	temperate to-
26	☼ ☽ in poles star	Gem.	20	16	7		38		wards the end.
27	☼ ☽ in tyrius	Can.	8	17	8		42		and a seasona-
28	☼ 7 Advent	Can.	23	18	9		47		ble wholesome
29	☼ Term ends	Leo	7	19	10		45	Moons rising	Air concludes
30	☼ St. Andrew A.	Leo	21	20	11		50		the month.



# NOVEMBER 1680

Encl. Acc.		For. Acc.	Rom. Calend.	R. Saints d.	<p>Sat. this month rises after ion set, and about the 22 day <i>Sup.</i> rise at ion set, being then in opposition unto him, and sets at sun 1st. <i>Mars</i> at about midnight, <i>Venus</i> emerges out of the sun beams, <i>Hesperus</i> and <i>Mars</i> fall under the sun beams, and cannot be seen.</p>			
1	11		B	Martin		17	34	26
2	12		B	Patern		2	36	24
3	13		B	Brice		3	38	22
4	14		B	Frederick	△ ○ 5 9 m.	4	39	21
5	15		B	Macute bish.	Day 8 h. 40 m.	5	40	20
6	16		B	Edmond	♂ ♀ 2 3 a.	6	42	18
7	17		B	12 past Trin.		7	43	17
8	18		B	Gelafius	□ ♂ ♀ 10 m.	8	45	15
9	19		B	Elizabeth		9	46	14
10	20		B	Edmund Kin.		10	48	12
11	21		B	Mary	Day 8 h. 40 m.	11	49	11
12	22		B	Cicily		12	50	10
13	23		B	Clement	♂ ♀ 5 3 a.	13	52	8
14	24		B	23 past Trin.		14	53	7
15	25		B	Katherine v.		15	55	5
16	26		B	Line		16	56	4
17	27		B	Agricola		17	57	3
18	28		B	Thomas		18	58	2
19	29		B	Saturn fast		19	59	1
20	30		B	St. Andrew A.		20	04	0
21			Dec	Advent Sund.		21	13	5
22	2		B	Longinus	♂ ○ ♀ 2 a. □ ♀ ♂ 6.	22	2	5
23	3		B	Libane	and the □ ♂ ○ c.	23	3	5
24	4		B	Olmond		24	4	5
25	5		B	Barbary		25	5	5
26	6		B	Sabine		26	6	5
27	7		B	Nicholas		27	7	5
28	8		B	2 Advent		28	7	5
29	9		B	Cyprian	Day 7 h. 40 m.	29	8	5
30	10		B	Eulalia		30	9	5

December hath xxvi. Days.

- D Last quarter the 2 day, 16 min. past 9 at night.  
 ● New Moon the 11 day, 40 min. past 1 morning.  
 ( First quarter the 18 day, 40 min. past 6 afternoon.  
 ● Full Moon the 25 day, 42 min. past 7 morning.

1	f	h 21.41	Virg.	4	21	12	A 25	Moons rising	Cold and healthful seasonable weather with snow & gentle clearing winds the former part of this Month, and about the New Moon a nipping cold Air may be expected with Frosts and very suitable weather for the season, if not, then winds and rain or snow sufficient to render the season as it ought to be in the depth of winter.
2	g	h 10.1	Virg.	17	1	M 13			
3	u	♂ 15.39	Virg.	30	23	2	2		
4	u	♀ 18.19	Lib.	12	24	2	56		
5	e	Advent.	Lib.	24	25	3	36		
6	e	♂ 15.38	scor.	6	26	4	15		
7	e	Dn* in f.N.	scor.	18	27	5	0		
8	e	Dn L h Op.	scor.	29	28	5	40		
9	g	Dn L h. Her.	ag.	11	29	6	35		
10	u	Dn R h. Op.	ag.	22	30	7	30		
11	u	Dn in Cap. i.	Capr.	5	1	New		Moons setting	
12	e	Advent.	Capr.	18	28	A 42			
13	e	Lucie	Capr.	30	39	19			
14	e	Dn h w swan.	Aqu.	12	49	59			
15	e	End of week	Aqu.	25	510	44			
16	u	Dn Swans t.	Pisc.	8	6	11	23		
17	u	Dn Scheat.	Pisc.	21	7	12	11		
18	u	Dn head An.	Aries	4	1	M 1			
19	e	Advent	Aries	18	9	1	55		
20	e	Dn Gird Ce.	Taur.	2	10	2	45		
21	e	St. Thomas A.	Taur.	16	11	3	50		
22	e	Dn N eye B.	Gem.	1	12	4	55		
23	g	Dn h. Orion	Gem.	16	13	6	0		
24	u	Dn Br. I Ge.	Can.	1	14	7	55		
25	e	Christmas	Can.	16	1			D rising	
26	e	St Stephen.	Leo	1	16	5	A 20		
27	e	St John.	Leo	15	17	6	10		
28	e	St James.	Leo	29	18	6	56		
29	e	Dn* in B. t.	Virg.	12	19	7	42		
30	g	Dn Bears ta.	Virg.	25	20	8	36		
31	u	Dn* in v.g.	Libra	8	21	9	26		

# DECEMBER 1680.

*Saturn* at the end of the month will be in opposition to the sun, and therefore rise at the suns setting, and set at sun rising, *Jupiter* sets in the morning before sun rising, *Mars* rises before midnight, *Venus* sets after the sun, and *Mercury* is hid from our sight.

Encl. Acc.	For. Acc.	Rom. Calend.	Ro. aints d.					
11	h	Zintippa	Δ 4 δ 9 a.	13	10	3	50	
12	c	Paul Bishop		2	11		42	
13	u	Lucie		3	12		43	
14	e	Nichasius		4	13		47	
15	3	Advent.		5	13		47	
16	g	O sapientia	δ h 9 13 a.	6	13		47	
17	a	Lazarus	Δ δ 9 14 a.	7	13		47	
18	h	Imber week.		8	13		47	
19	c	Venest	Day 7 h. 34 m.	9	13		47	
20	d	Julian fast		10	13		47	
21	e	St. Thomas A.		11	13		47	
22	3	Advent.	□ h 9 7 a.	12	13		47	
23	g	Victor		13	13		47	
24	a	Candy		14	13		47	
25	b	Nat. Christi.		15	13 3		47	
26	c	St. Stephen.		16	13		48	
27	d	St. John. Ev.	ψ h 9 17	17	8 12		49	
28	e	Innocents.	□ h 9 3 a.	18	11		50	
29	3	Tho. Becket		19	10		51	
30	g	David	Δ ψ 9 5 m.	20	9		52	
31	a	Sylvester	Day 7 h. 50 m.	21	8		53	
1	12	Circumcision.	January.	22	7		54	
2	62	Abel		23	6		55	
3	d	Enoch	δ ○ 9 2 a.	24	5		55	
4	c	Methusalem		25	5		56	
5	6	Simeon		26	4		57	
6	g	Epiphany		27	3		57	
7	a	Felix		28	3		57	
8	b	Lucian	δ ○ h 13 a.	29	3		58	
9	c	Agapite v.		30	2		58	
10	d	Paul Brom.		31	8 2 3		58	

# WILKIN Notes for the Year, 1660.

Julian		Golden Number	Gregorian
	9	Epact	29
	9	Cyclus solis	9
	3	Roman Indiction	3
	D C	Dominical Letter	G H
February	22	Shrove Sunday	March 3
April	11	Easter day	April 21
May	30	Whitsunday	June 9
June	6	Trinity Sunday	June 16
November	28	Advent Sunday	December

The Anatomy of Man Body

governed by the Twelve Celestial Signs.

Y Priest, Head and Face.

♂ Taurus,  
Neck and  
Throat.  
♂ Cancer  
Breast and  
Stomach.  
♂ Virgo,  
Lowers and  
Belly.  
♂ Scorpio,  
Secret  
Members.  
♂ Capricorn,  
Knees.



♂ Gemini,  
Arms and  
Shoulders.  
♂ Leo,  
Heart and  
Back.  
♂ Libra,  
Reins and  
Loyns.  
♂ Sagittarius,  
Thighs.  
♂ Aquarius,  
Legs.

♂ Pisces, the Feet.

The most material Aspects and Characters of the Planets.

Q Conjunction	00	1st.	♄ Saturn	Cold and dry.
* Sextile is	60	60	♃ Jupiter	Hot and moist.
☐ Quartile is	90	90	♂ Mars	Hot and dry.
Δ Trine is	120	120	☉ Sol	Hot dry temper.
♂ Opposit. is	180	180	♀ Venus	Cold & moist tem.
♂ Dragons h.			☿ Mercury	Cold and dry.
♂ Dragon t.			☾ Luna	Cold and moist.

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# S A U N D E R S.

1 6 8 0.

*Of the Eclipses this present Year 1680.*

There will be only two Eclipses this Year, and both those of the Sun: The first falls *March* the 20, about 10 in the Morning, in 11 degrees of *Englands* Sign, *Aries*; it falls near the Moons *South Node*, and must therefore be very great, though as to us much of it will not be visible; but it may be seen a Total Eclipse to such as Inhabit the Southern parts of *America*, the *Holy Island*, the *Cape* of *S. Vincents*, &c.

Yet I Judge we may share in the Effects of this Solar Eclipse more or less: For 'tis said by Men of good Judgment, viz. The Sun is at no time in vain Eclipsed without some prejudice at hand; nor need we have recourse to what the Ancients have written concerning its Effects, we have many Examples of their Effects in our own Age; upon Eclipses of the Sun in *Aries* have succeeded many hot and parching Summers, many furious Conflagrations, much Harm to the Fruits of the Earth, many Quarrels, Deceits, Hatreds, Wars, &c.

*Conjunctio Luminarium in Ariete facit alterationes & mortes Cardigan. Seg. 4. 89.* The Conjunction of the Luminaries in *Aries*, occasions strange Alienations of Friendship, and Death, viz. Breach of Leagues, Amities, and Friendships, from thence War and Controversie, after which follows Quarrels, and then Death and Destruction, many times also Famines or Scarcity of Provisions, &c.

The same Author tells us, That Eclipses of the Luminaries have Signification, or Operate by their Influence upon Cities, Provinces and Kingdoms, more forcibly than on Men of Private Condition, or upon Kings; for their Effects generally have relation to the multitudes or many People. And *Rigel. Aphor. 24.* saith, *Conjunctio Luminarium in signis*

*Mars morbos inducit, &c.* An Eclipse or Conjunction of the Luminaries in the Signs belonging unto *Mars*, produces, or is the signifier of Diseases tending unto Death: And if this Eclipse be in *Aries*, it afflieth the Sick even unto madness, without hopes of Recovery, viz. With Frenzies, Lethargies, Apoplexies, &c. and many other Mortal Diseases do most appear in the Head, and hence Diseases of the Head may be greatly feared, from the Influence or Operation of this Eclipse — This Eclipse concerns *Britain* and *Germany*, whose Natives are very fierce and Valiant. Many Persons therefore of great Renown may be strangely Oppressed, and some of them suffer much Detriment and Dishonour; and not only so, but it portends either Death, or great prejudice to Cattle or Beasts of most kinds, also much damage to Corn and the Fruits of the Earth, either by rottenness or purrification, &c. And here it would be convenient to consult what was written of Eclipses in general the last Year.

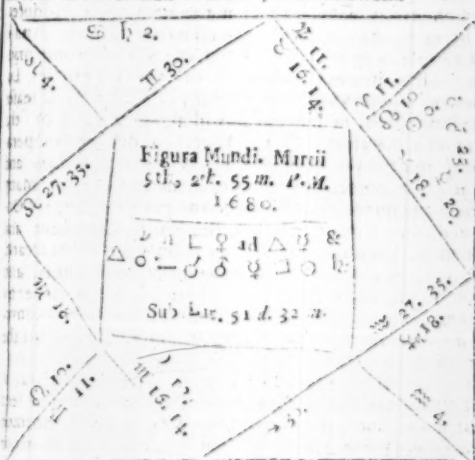
The Second Eclipse of the Sun falls on *September* the 12. at 8 at Night, in the very beginning of *Libra*, but cannot be seen of us, because both the Luminaries will be under our Horizon before the beginning thereof; & since it cannot be seen in our Hemisphere, therefore the Effect will be the less considerable to us. Authors tell us, that an Eclipse of the Sun in the first Decanate of *Libra*, corrupts the Air, begets the Plague, inclineth Youth to wantonness, yet straitens Provisions, and makes them dear, so that the Effects of this will but aggravate the Portents of the former, and threatens much misery to Mankind as well as to Beasts, and Prejudice to the fruits of the Earth, aforesaid; therefore it concerns us to endeavour to amend our lives, and implore the compassion of the Almighty, that he may not inflict his Judgments impending, that we by our sins have justly deserved —

Of the four Quarters of the Year:  
And first, Of the Spring.

Which this year takes its beginning *March* 9. 2 h. 55 min. after noon, and the position of Heaven for that mo-

# Observations.

set in the Meridian of London, is as followeth.



Before I make any Judgment upon this Vernal Season, is necessary I premise something of the Nature of the Spring Quarter, which I offer thus, viz.

The Nature of this Quarter is generally Hot and Moist, which if it should prove otherwise, it bringeth sudden and very strange Diseases; for Generation consisteth in heat and moisture, and therefore such Persons that are Naturally Melancholick enjoy their Healths best this Quarter; the contrary: Aged Persons are now very lively, but Childhood and youth are inable to many Distempers, these being most dangerous which proceed from purged and corrupted Blood. Now, the Sickneses which usually rage this Quarter, are Small-pox, Measles, Quinsies, Hot Fevers and Obstructions, Jaundies, Pleurisies, Torro-ach, Pain in the Eyes and Throat, King-eil, Ring-worms, Faintings, Phrensies, Leprosies, Falling sickness, with many other Distempers of like Nature.

It is Observed that a moist Spring, rots the Fruit, and causes Weeds to abound: But if the Spring be hot, Roses will be rank, but not sweet, and all such Flowers will better please the Eye than the Taste or Scent. If cold and dry, then will hoar Frosts fall at the end of this Quarter. If wet, with much South Wind, and the former Quarter dry with Northern Winds, next Summer will produce many Agues, and pains and watering of the Eyes. A dry Spring, with much Northern Winds, and a wet Winter full of Southern Winds going before, cauſeth many Abortions in Women, or else bringing forth weak Children. And generally if the Quarter vary from its proper Nature, the Fruits of the Earth receive much prejudice, and consequently grow dear and scarce — But now I shall plainly intimate what the Schem imports. In the Vernal Figure there is a strange position of the Planets, as the *Sun* in the 8th. In square to *Saturn*, the *Moon* in square to *Venus*, *Mercury* in Conjunction with *Mars* in the 8th. House, all which being seriously considered, do in a Natural way portend as unhappy transactions amongst us, nothing but fears and jealousies do daily surpris us, Treacherous base Actions are too frequently acted amongst us, Friends prove unfaithful, and degenerate from their former Principles, nothing but Repining and Murmuring and many unheard of Cruelties discovered. A general complaint for want of Trade amongst the Vulgar sort, who will undoubtedly suffer and find themselves extremely uneasy this Quarter especially, and generally during the whole Revolution. Yet we are not like to break out into Action, but stand upon our Guard, in the Defence of our selves against our Foreign and Domestick Enemies —

*Saturn* in *Cancer*, seems to threaten the *Scottish* Nation with much Affliction and Disturbance. *Jupiter* in *Taurus* gives great hopes all things may remain fixed and quiet in *Ireland*, and moderately well in *Poland* and *Sweden*: Many fears daily arise in *England*, *Denmark*, and *Germany*: *Spain*, *Hungary*, and *Portugal* moderately quiet. *Holland* somewhat threatened, at least with Diseases, before this Revolution and the next are ended. The Conjunction of *Saturn* and *Mars* in *Cancer*, the 20 of *August* this year, doth pre-



## Observations.

nee those Countreies with some great Calamity, which I  
 will leave time to determine. The *Hollander* is no Friend  
 ours, but rather intends his own Ends and Interest. *Scot-*  
*land* are self-seeking Neighbours, the *Algier* will prejudice  
 our Merchants, the State of *Venice* must also expect Distur-  
 bance; many Persons will be concerned in this Male Influe-  
 nce, and some of Note particulariz'd — Many Persons  
 hypocritically cover those things they have not, and slight  
 and condemn the Peace and Advantages they enjoy: and too  
 frequently despise and hate their surest and best Friends, ve-  
 rifying the Poet —

*Nulli in oritur sine Bati —*

*Villulos agimus semper, nec vivimus nunquam.* Juv.

Never contented with our present state,

We're still about to live, but live not till too late.

That i comparab'e a comp'lish'd Gentleman, Mr. *J. Howell*,  
 in his Epistles confesses ingeniously of himself thus much,  
*I have been* (saith he) *upon Occasion of sudden Distemper,*  
*sometimes a Stad-man, sometimes a Fool, sometimes a Melan-*  
*cholic odd Fellow to deal withal, I mean my self, for I have the*  
*Humours within me that belong to all.* Thus what he modestly  
 Calen'ares for his proper Meridian, may serve generally for  
 the Latitude of all Mankind; for as we are all compounded  
 of those four Elements that temper the World, so must  
 we partake also of their Jarrings and Discord. According to  
 that of *Sylvester*, our English *Dubartas*.

*Things that consist of th' Elements uniting,*

*Are always tost with an intestine Fighting.*

*Whence springs (in time) their Life, and their Decaying.*

*So that of all that is or may be seen*

*With Mortal Eyes under Night's Horned Queen;*

*Nothing retaineth the same form and face,*

*Hardly the half of half an hour's space.*

But the several Elements are continually jarring, and ma-  
 king our Bodies not only the *Stages* (as it were) of their Civil  
 War, but *Parties* also: therefore 'tis our best Policy and Wis-  
 dom to endeavour to keep them equally balanced; for com-  
 monly we fall when either of them gets the Victory. There  
 is no certainty in Humane Affairs, for we may read (and  
 daily

dally hear) of many that have been Advanced from ignominious Offices to places of greatest Trust and Honour; and again, on the contrary, Men Advanced to the highest pitch of Honour, thrown into the lowest depths of Misery. Henry the 3d. King of Portugal, was fetch'd out of a poor Monastery to be Crowned King. Gordius, of an Husbandman made an Emperour. In our own Kingdom, Anselme, of a Monk became an Abbot, and of an Abbot Arch-Bishop of Canterbury, as may be read in *Cambdens Remains*; for that Great and Potent Favorite Wolsey, was a Butchers Son: and many nearer Examples amongst us might be produced, which are fresh in every Mans memory. But I shall conclude my Judgment of this Quarter, in the words of Quarles.

*Thus low and lank Estates have oft been known  
To climb from Pailons to a Princely Throne:  
And Glorious Monarchs have been seen to fall,  
And change their glittering Glory for a Goal.*

The wind of Honour changes with the Wind, for we have seen the High abased, and the Low exalted; Mountains levelled with Mole-hills, which may be included in that which Solomon calls an Evil under the Sun; and thus neatly Paraphrased by that late ingenious Poet Quarles, viz.

*Fools are made States-men, and Command at Court,  
And Men of Parts are made the lower sort:  
So have I seen proud Servants mounted high  
On Lordly Steeds, and Lords to Lacquey ly.*

*Deus producit effectus hos inferiores dupliciter, uno modo per Stellaris, & per alia agentia tanquam naturaliter per Instrumenta: & alio modo non naturaliter, & sine Medio naturali, sed miraculose, quemadmodum fecit Deus, quando fecit solem stare in tempore Josuæ, & redire spatium decem graduum tempore Hezekiæ, &c.*

*Of Summer.*

Summer, the Mother and Nurse of Plenty, doth this Year initiate upon June the 10. 49 min. after 5 in the Afternoon. And it is Observed if Summer be over wet, then Fruit will putrifie, and we usually have then but small store of Grain,

## Observations.

Grain, but many Sicknesſes. If It be only d y, then want of Grain, but the Summer Fruits will be whoſome, Fiſhes will dye In Ponds, and great Sickneſſes uſually follow; and in ſhort, if the Summer Quarter prove Cold, the Year will be whoſome. but the Fruit rot and decay.

Now Mens Stomack is more weak than in the Winter Quarter, and therefore ſlower of Diſeſſion therefore uſe ſuch cold and cooler Meats that may moiſten and mitigate the Nature of the Seſon, which is Naturally hot and dry. Now the Plegmatick are beſt in Health, and the Cholenick moſt ſubject to Diſeaſes. Now Old Age enjoy their Healths beſt, but the younger ſort are debilitated in their Healths — The Sickneſſes of this Quarter are uſually, *Griefs and Torments in the Breſts, Ribs, and Spleen, Puſhes in the Face, Leproſie, Blear'd and ſore Eyes, with Impediments in the Pleuriſies, Coughs, Pains at the Heart and Stomack, Fevers of the Blood, or too frequent fermentation thereof, Apſſumes, Jaundies, Peſtilence, and ſuch like Diſeaſes.* The Conſigurations of this Quarter, and particularly of this Moneth, are many, and very material, as may be ſeen (by ſuch as underſtand theſe kind of Speculations) in the Kalender-part — There happens no leſs than ſeven *Conjunctions* of the Planets amongſt themſelves this Moneth of *June*, and four of thoſe in the Sign *Gemini*, the Reſpired *Ascendant* of *London*: what the Portents may be, God only knows, not I: But it may Rationally be conjectured, that many great Councils and Conſultations are now on foot, and the People in general in daily expectation of ſome remarkable Action to break forth in this and the two following Moneths, eſpecially in the City, or the Weſt-ru parts thereof, or Countries in *England* as well as Countries far remote Weſtward or North-weſt from thence — Many Intelligences daily arrive from ſeveral parts beyond the Seas, as alſo Envoys or Ambaſſadors upon weighty and very important Affairs, now or near this time tranſacted; and 'tis to be hoped: that ſuch will be the care and vigiſſance of our Magiſtrates, that they will prevent all danger of Diſorder or Confuſion which may be endeavour'd or promoted by ſeveral ill Agents, that lurk up and down ſecretly among us to ſoment and promote the ſame: Let

such Wolves in Lambs Cloathing look to it, for the Eyes of Heaven will find them out, and they must assuredly expect severe punishment suitable to their Deserts.

Of Autumn.

**W**Hich this Year takes beginning September the 12th half an hour past 9 in the Morning. This is the Harvest Quarter, and by Nature Cold and Dry; it may not unfailly be called our second Spring, being a proper time to take Physick, let Blood, or Purgé, provided you take the Advice of the Able and Learned Physician, but not of every Quack or Woman-Doctress, who very frequently Kill more than they Cure, and therefore not to be Consulted — If the Autumn be moist, Grapes will putrifie, and so will the Wine made thereof; but if the end be wet, Fruits will be scarce the ensuing Year: If the beginning be dry, there will be much hurt; if hot, much Sickness and other disasters; if cold, loss of Harvest, and of Fruits in quantity, juice, and beauty. This Quarter, because of the inequality of the temperature, may (as Hippocrates Reports) be called the Mother or Nurse of many deadly Diseases, especially pains in the Back and Privy parts, Infirmities in the Face; Quinzen Agues, Humours, and Dropsies, Vertigo, Falling-Sickness, Head-ach, Tooth-ach, Sufferings, and Dimnits of Sight, Rawness in the Stomack, Aches of the Back (and incontinently Aches of the Purre, which may bring them to Aches of the Heart also,) from these, and all such like Infirmities and Diseases let us pray *Libera nos Domine*. This Quarter the Sanguine Constitution enjoy Health best, but the Melancholick are very Subject to Diseases. Now the Younger sort are most Healthful, and the Aged complain: If now there be frequent North Winds and dry Weather, then are Men and Women of the most Flegmatick Constitutions best in health; but Persons of other Constitutions very frequently fall into Fevers, and other Distempers incident to their Natures —

These three Moneths are attended with as various Configurations of the Planets as any of the former Quarters, and doubtless may have as various and signal Portents, of which

here

## Observations.

There is no room to expatiate. In short, 'twill be a Quarter of much Action both in City and Countrey, and as well at the Court as the Camp in many Countreys, for now doubtless great things are in agitation, and the People in general expect greater Changes and Alterations than probably some thousands of them may live to see. God direct the Counsels and Consultations of our Superiours, and preserve our Nation in Peace and Tranquillity, and fit and prepare us for the greatest of Changes — The Nations of Europe have lately been notably Active, and now 'tis time for them a little to take their Repose, and consider what they have already done — I hope our Industrious Merchants are made happy this Quarter with the Prosperous Returns of their Adventures, and the great Advantage of many who have dependence thereon —

### Of Winter.

Winter by our Astronomical Computation, begins December the 10th. at 9 min. past 9 at Night. The Nature or Inclination of this Quarter is cold and moist, and from the Temperament thereof Tough and Cholerick People enjoy their Health best: But Aged and Phlegmatick Persons are most afflicted with Diseases. If the Winter be dry, and much abound with South Winds without Frost, it creates pains in the Breast, Costiveness in the Belly, stopping of the Urine, with sharpness, Exulcerations and Inflammations. If the Frost continue long, and little or no Snow, it is the fore-runner of a Plague the Summer following. Others affirm, that the colder and dryer this Quarter is, the more wholesome it is for Mankind, though too much cold kills Trees in a warm Climate or Region, especially those that are young and tender. Again, a warm and moist Winter is very unwholesome, and a great Enemy to Husbandmen; but a moderate quantity of Snow makes the Ground rank, and preserves the Corn — In this Brumall Quarter 'tis good to eat well and drink little, because at this time Mans Stomack is of good Digestion — Diseases usually afflicting Humane Bodies this Season, are Hoarseness, cold Larks, Rheums, Coughs, Swellings in the Face by Occasion of the Tooth-ach, the Stone, the  
Gout,

*Cont, the Droptic, Melancholick Passions, Azures of most sorts, with some other troublesome and unkind Diseases — As to the Weather in each Quarter, consult the Kalendar-part, where you are presented with a more full and exact account than is usual in every common Almanack: And for the general occurrences of this Quarter, since 'tis a Season of little or no Action, and most of this Quarter falls in the next Year, I shall therefore pretermitt all farther scrutiny into the Publick Affairs thereof, and rather refer you to those that write more largely, as Mr. Lilly, &c.*

*Twelve Problems concerning Compound Interest and Annuities in a new Method, very brief, and yet plain and perspicuous: Invented by Mr. Adam Marindale, and Presented to the Royal Society by Mr. John Collins of London, and a Member thereof. These twelve Problems teaching Compound Interest and Annuities are expressed in Symbols, and to be Resolved by the Logarithmes, they are distinguished into three Ranks, whose Symbols are to be thus understood, viz.*

p } Principal ————— } common to all three ranks  
 r } rate, viz. 1l. with its Rate }  
 t } time ————— }  
 a } amount or aggregate ——— }  
 s } sum of Prin. & Arrearages } proper to { 1 }  
 d } difference of Prin. & worth } { 2 } Ranks  
 } { 3 }

The Capitals stand for the Logarithmes of those Numbers which are signified by the small Letters.

*D. Signifies Data, Q. Question, Prob. Problem, Res. Resolution.  
The first Rank's touching Compound Interest for a  
single Sum of Money.*

I Prob. D: p, r, t, Q, a? Ref: R t  $\nabla$  P  $\rightarrow$  A.

2 Prob. D: a, r, r, Q, p? Ref: A - K t - P.

3 Prob. D:  $p, a, t, Q, r$ ? Ref: A — P — R.

4 Prob. D: p, a, r, Q, t? Ref:  $\frac{A - P - r}{B}$

## Observations.

The Second Rank concerning Annuities in Arrear at Compound Interest grounded upon these two Axiomes.

1. The Annuity and Rate of Interest being given, the Principal Correspondent to the Annuity is in effect given also, being easily found out by the Rule of Three thus: As the Interest of any Principal (ex gr. of 1. 10. 100, &c.) is to the Principal, so the Annuity or Pension to its Principal.

2. The Sum of the Principal being found, the Arrear ages alone may be obtained by Subtracting the Principal from the Sum.

The Problems are these that follow.

1 Prob. D.  $p, r, t, Q$  s? Ref:  $Rt \times P - S$ .

2 Prob. D.  $p, r, t, Q$  p? Ref:  $S - Rt - P$ .

3 Prob. D.  $p, r, t, Q$  r? Ref:  $\frac{S - P - R}{c}$ .

4 Prob. D.  $p, r, t, Q$  t? Ref:  $\frac{S - P - t}{R}$ .

The Third Rank touching Annuities Anticipated or bought for a Sum in hand (or equivalent thereto) at Compound Interest disjuncted, bestowed upon the former of the two Axiomes before mentioned, and this that followeth. If the Difference and worth be once found together, the worth is easily obtained by Subtracting that Difference out of the Principal, which is ever greater, being the worth of the Annuity at that Rate for ever: The Problems follow.

1 Prob. D.  $p, r, t, Q$  d? Ref:  $P - Rt - D$ .

2 Prob. D.  $d, r, t, Q$  p? Ref:  $D \times Rt - P$ .

3 Prob. D.  $p, d, t, Q$  r? Ref:  $\frac{P - D - R}{c}$ .

4 Prob. D.  $p, d, t, Q$  t? Ref:  $\frac{P - D - t}{R}$ .

Any Smatterer in Algebra may Contrail these twelve Problems into three, for his own Use; for any one being given, the rest may be found out in every Rank by Transposition, &c. Then the work of the first Rank will attain the ends of the second, to him that under.

understands that for the Principal he must take one that is correspondent to the Annuity at the given Rate, and at the end of his Work Subtrah it from the Amount or aggregate in the first Problem; so deal proportionably in the rest. But they are thus explicitly sent out for the sake of Young Mathematicians, to whom I make bold to offer the following Advertisements. (1.) The third Prob. of the third Rank doth not dash with the fourth in the Country Almanack, 1677. for the designs and scope of them are vastly different, as there is shewed. (2.) The only Inconvenience of any Importance that I can yet discover in this Method is, That in both Ranks concerning Annuities, the second and third Problems are rather for Demonstration of the other, and to compleat the Rounds, than of any other great Use. proceeding upon such Data as are seldom given for finding the Pensions and Rate. (3.) But these do not leave us without sufficient help to find out Pensions by plain and usual Data: For in Reference to the second Rank, if the Arrearages (or Stock to be raised) with the Rate of Interest and time be given for the finding out of such an Annuity, as in such a time, and at such a Rate, will raise a given Stock by its Arrearages; 'tis easily done thus: Suppose my Annuity, and having found Arrearages by the first Problem of the second Rank, say by the Rule of Three, As the Arrearages found, to the supposed Pension, So the Arrearages (or Stock) given, to the Pension required. (4.) Likewise (in reference to the third Rank) If the worth (or price) Rate and Time be given to find out the Pension by the first Problem of the third Rank, Then the proportion stands thus, As the worth found to the supposed Pension, so the worth or price given to the Pension Required. (5.) If the Interval of any two Payments be less than a Year, consider what part it is, whether  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{3}$ , &c. and by the Denominator of the Fraction signifying that part, Divide the Logar. of one pound, and its Rate of Interest for one Year (usually called the Logar. of the Rate) the absolute Number answering to that Quotient, being made less by an Unite, will be a new Divisor, whereby Dividing the given Pension so paid half-Yearly, Quarterly, &c. the Correspondent Principal will appear in the Quotient.



# Observations.

Table of the Hour and Minute of the Seven Stars coming to the South, for every third day of the Year 1680. Fitted to the Latitude of London; and may serve, without sensible Error, any other place in England.

	January		February		March		April		May		June	
	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.
1	7	A 53	5	A 45	3	A 58	2	A 6	12	A 13	10	7
3	7	45	5	57	3	51	1	58	12	5	9	M 59
5	7	36	5	29	3	43	1	51	11	57	9	50
7	7	27	5	21	3	36	1	44	11	49	9	42
9	7	18	5	13	3	30	1	35	11	41	9	34
11	7	10	5	5	3	22	1	29	11	33	9	26
13	7	2	4	58	3	15	1	21	11	25	9	18
15	6	54	4	50	3	8	1	14	11	17	9	9
17	6	45	4	43	3	0	1	6	11	9	9	0
19	6	36	4	35	2	53	12	59	11	1	8	5
21	6	28	4	28	2	46	12	51	10	53	8	43
23	6	20	4	20	2	38	12	44	10	45	8	36
25	6	12	4	13	2	31	12	36	10	36	8	28
27	6	4	4	5	2	24	12	28	10	28	8	19
29	5	56	4	2	2	17	12	21	10	20	8	11
	July		August		Septemb.		Octob.		Novemb.		Decemb.	
	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.	ho.	mi.
1	8	M 3	6	M 2	4	M 0	2	M 19	0	M 18	10	7
3	7	55	5	54	3	59	2	12	0	10	9	A 59
5	7	46	5	45	3	52	2	4	0	2	9	50
7	7	38	5	38	3	45	1	57	11	50	9	41
9	7	30	5	30	3	37	1	50	11	41	9	33
11	7	22	5	23	3	31	1	42	11	33	9	24
13	7	14	5	15	3	23	1	34	11	25	9	15
15	7	6	5	8	3	15	1	26	11	16	9	9
17	8	58	5	0	3	8	1	18	11	7	8	57
19	8	51	4	53	3	0	1	11	10	59	8	48
21	8	47	4	46	2	53	1	3	10	50	8	39
23	8	39	4	31	2	46	0	55	10	42	8	30
25	8	31	4	24	2	39	0	47	10	33	8	21
27	8	23	4	17	2	31	0	39	10	24	8	12
29	8	14	4	9	2	22	0	30	10	15	8	4

The time when these 21 Stars following shall  
come to the South, either before, or after  
the Pleiades or Seven Stars.

1. **A** Pollo's first Head comes to the South after the 7 Stars  
3 hours, 45 minutes.
2. *Arcturus* after the 7 Stars 10 ho. 33 minutes.
3. *Bulls Eye* after 7 Stars 49 minutes.
4. *Corona. Lucida Coron.* after 7 Stars 11 ho. 52 min.
5. *Dog. The great Dog* after 7 Stars 3 ho. and 3 min.
6. *Dog. The lesser Dog* after 7 Stars 3 ho. 54 min.
7. *Eagle. The flying Eagle* before 7 Stars 7 ho. 52 min.
8. *Fomahant* before the 7 Stars 4 ho. 49 min.
9. *Goat. The Goat* after the 7 Stars 1 ho. 24 min.
10. *Harp. The Harp* before the 7 Stars 9 ho. 1 min.
11. *Hydra's bright star* after 7 Stars 5 ho. 44 min.
12. *Lions heart* after 7 Stars 6 ho. 23 min.
13. *Lions tail* after 7 Stars 8 ho. 5 min.
14. *Orion's right shoulder* after 7 Stars 2 h. 9 min.
15. *Pegasus shoulder* before 7 Stars 4 ho. 51 min.
16. *Pegasus leg* before the 7 Stars 4 ho. 40 min.
17. *Pole star* before the 7 Stars 2 ho. 57 min.
18. *Scorpions heart* before the 7 Stars 11 ho. 18 min.
19. *Swans tail* before the 7 Stars 6 ho. 57 min.
20. *Spice virginis* after the 7 Stars 9 ho. 4 min.
21. *Whales south tail* before 7 Stars 3 ho. 1 min.

In my Last Years Almanack I shewed how any Person (though  
of a mean Capacity) might with little pains and Observations  
know and distinguish many of the most Principal Stars, by their  
distance from the Seven Stars, which are generally known in  
all, (especially such as Inhabit, or are much conversant in the  
Country;) and now I have presented the Reader with a more  
Compleat Table of the Southing of the Seven Stars, also at  
what time of the Southing of 21 Principal Stars, either  
before or after the Seven Stars, by which may be known the hour  
of the Night: A thing of great Use, and very Delightful for  
those

## Observations.

those which have Occasion to Travel early or late; and though the manner of Work is plain and Obvious to any Intelligent Person, yet I shall add an Example or two, that none need Obje<sup>c</sup>t the least Difficulty. So upon the 29 of January I find the Seven Stars are South at 5 hours 56 minutes after Noon; then suppose I see that Night the great Dog-star upon or near the Meridian, I therefore enter the second Table against the Number 5, and it tells me the great Dog-star comes to the South 3 hours 3 min. after the Seven Stars; therefore add this 4 hours 3 min. to 5 hours 56 min. and the sum is 8 hours 59 min. which Informs me 'tis then just upon 9 of the Clock — So if the same Night I saw the Bulls Eye upon the Meridian, who comes there 49 min. after the Seven Stars, therefore I add 49 min. to 5 hours 56 min. and the Sum is 6 hours 45 min. Just 3 quarters past 6; and so you may proceed with any other Star, which will become easie by Practice.

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FINIS.

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